Lec06 Exercises

A few exercises from lecture 06 on 9/12/22 that all deal with describing standard playing cards.

Content Covered
Expressions, Statements, Variables, Functions, and Selection Statements in Python

Exercise 1
Define a function named color which takes a single string as an argument, corresponding to the suit of a card. The function should return the color of the card as a string.

You can assume the suit passed to the function will be "Clubs", "Spades", "Hearts", or "Diamonds".

For example: color("Clubs") must return "black".

Exercise 2
Define a function named name which accepts the numeric value of a card, and returns the name of the card as a string. If the card does not have a special name, it should return the value of the card as a string.

You can assume the argument will be an integer in the range [1,13].

For example: name(12) must return "Queen" and name(9) must return "9".

Hint: To turn an integer into a string, you may find the built-in function str helpful.

Exercise 3
Define a function named description which accepts two arguments, the first is the numeric value of the card, and the second is a string for the suit of the card. It returns a string describing the card.

For example: description(12, "Clubs") must return:
"The Queen of Clubs is black".